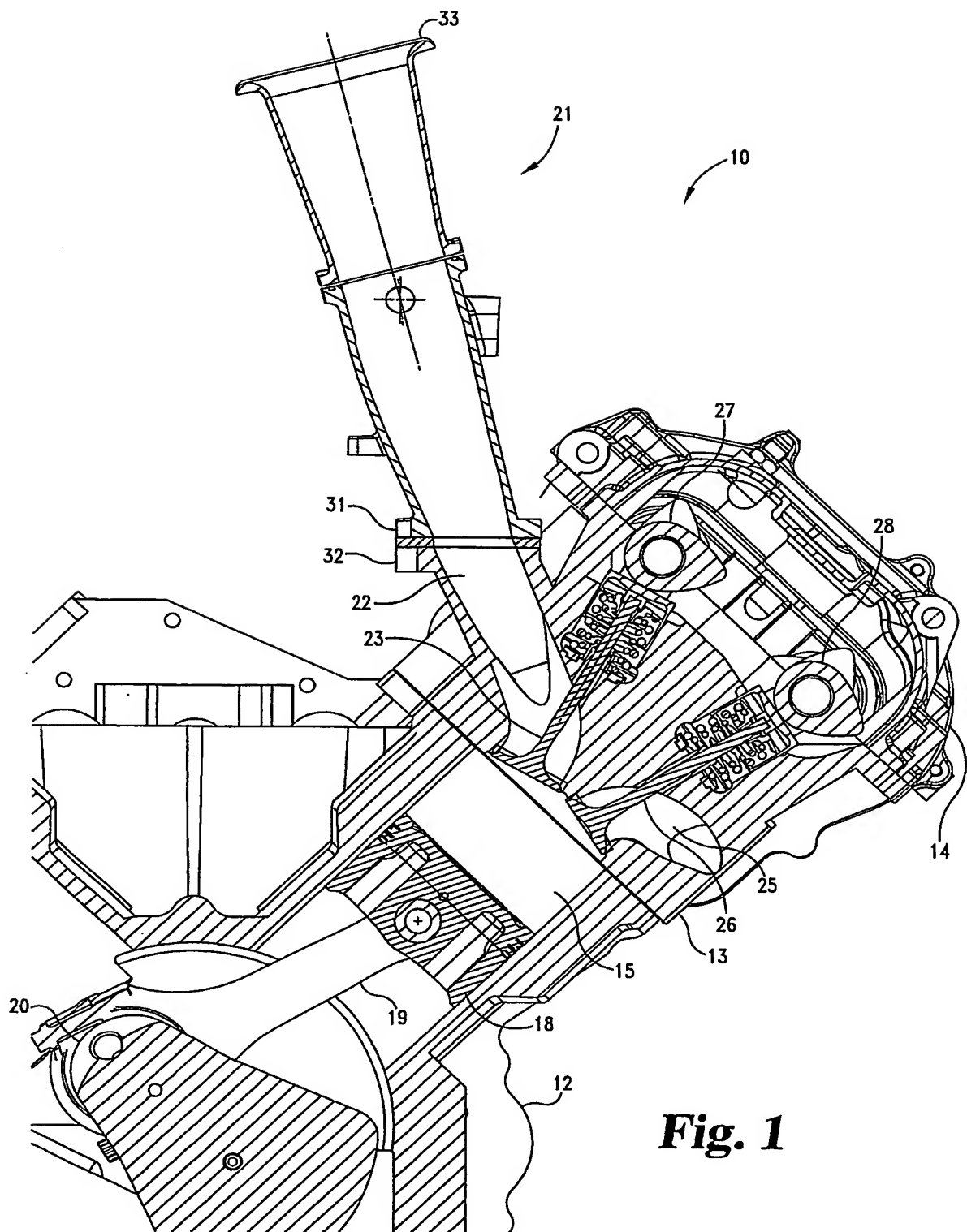
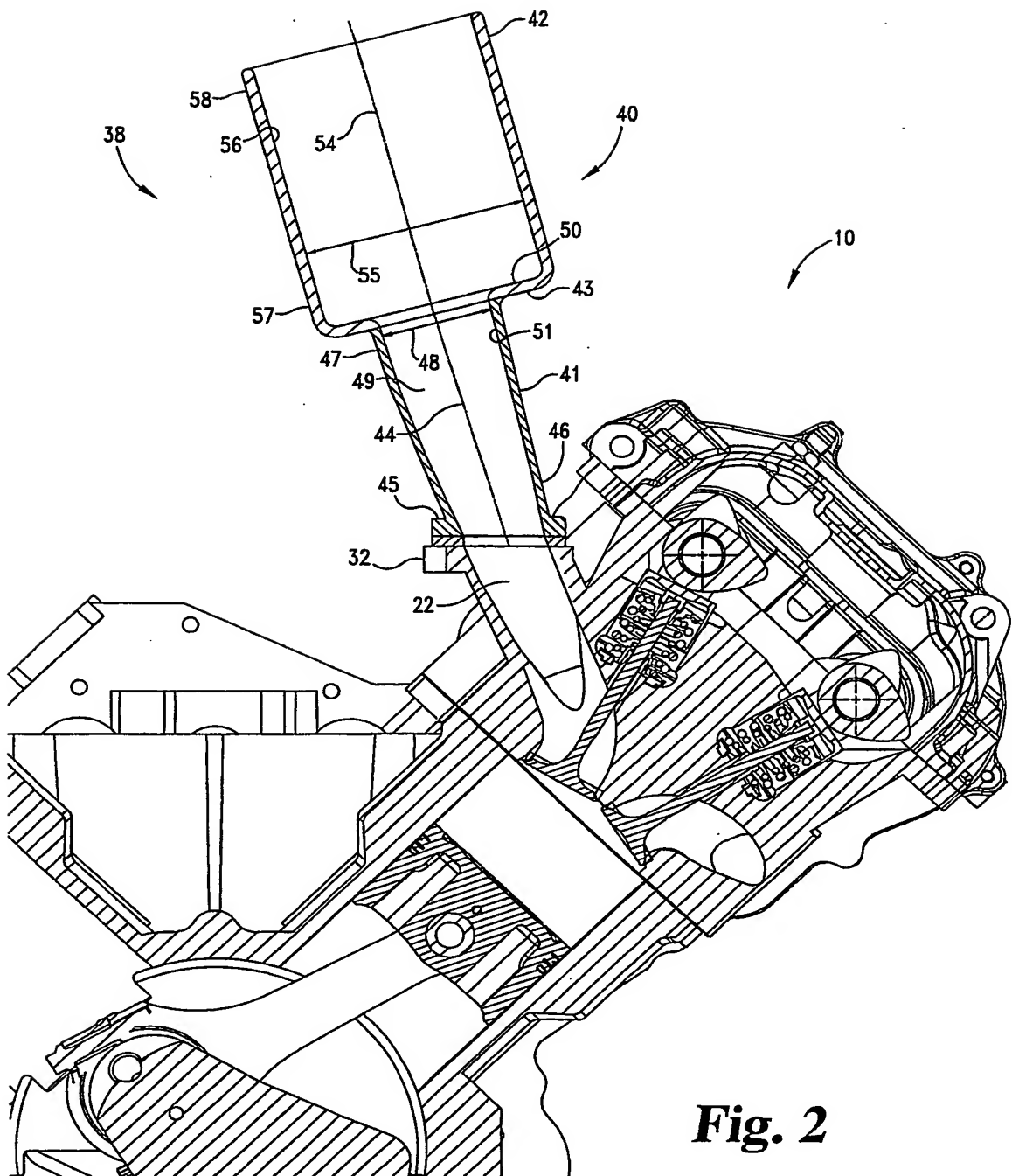
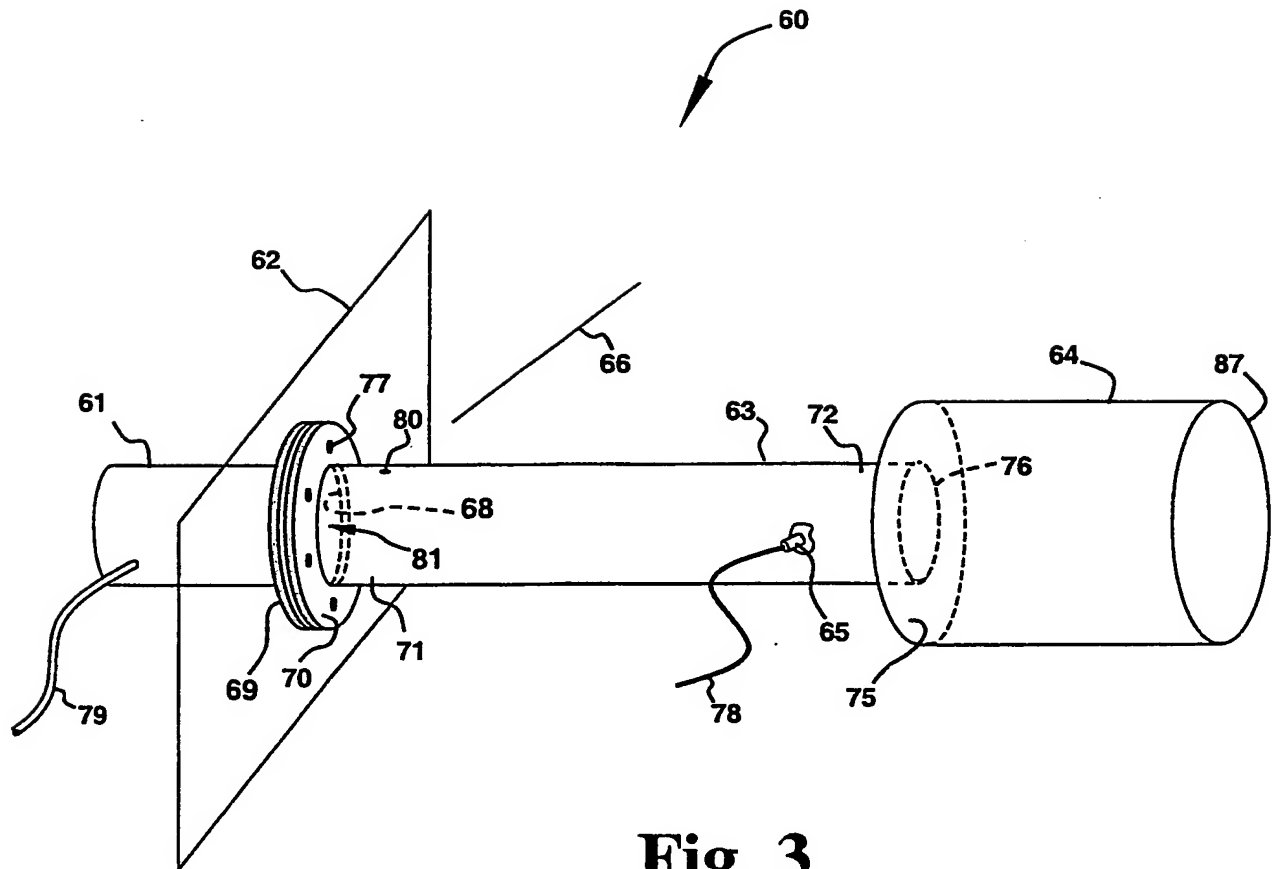


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**Fig. 1**



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Real Time Pressure Transducer Values for
Various Upper Tube (Trumpet) Diameters

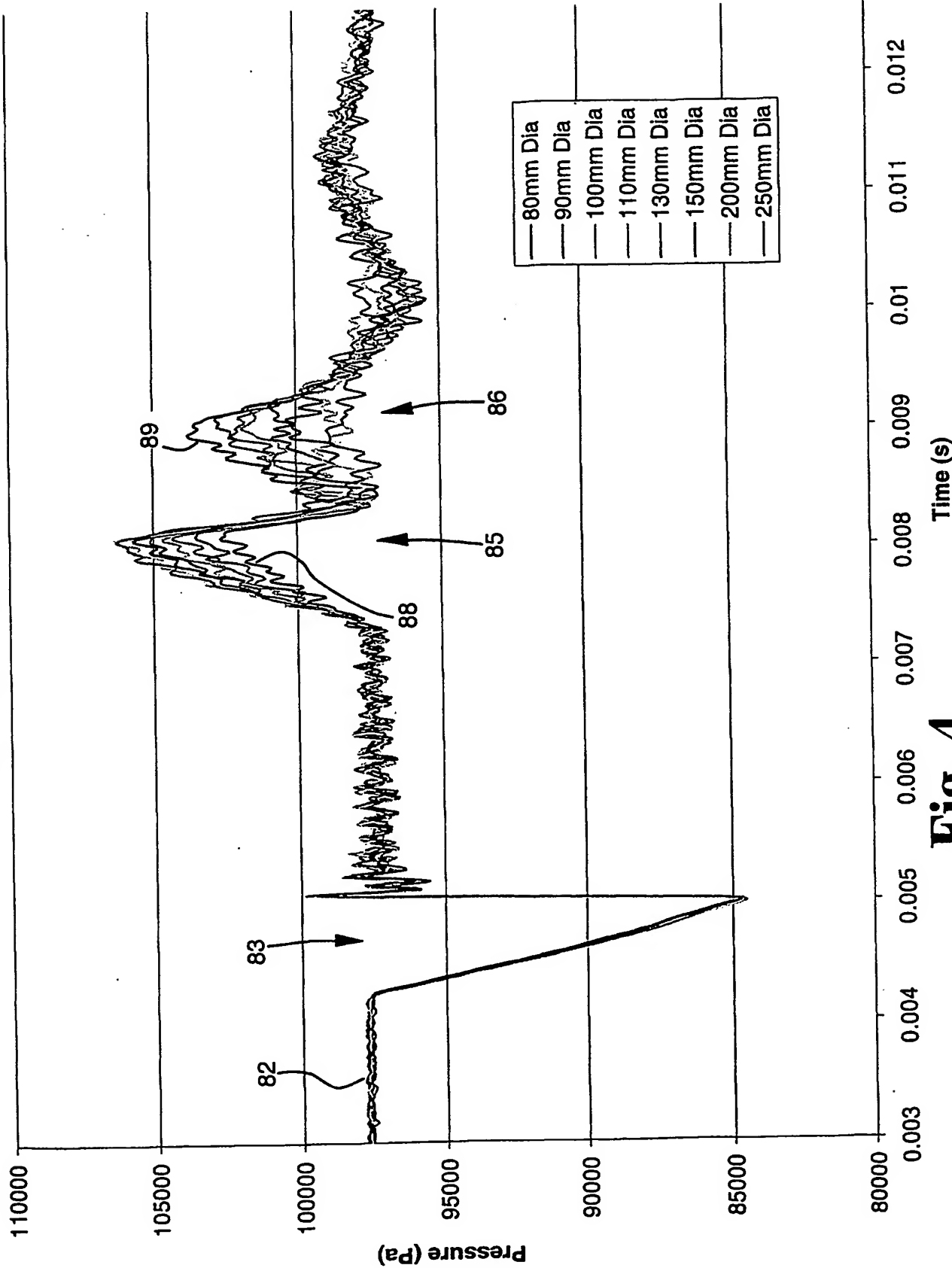


Fig. 4

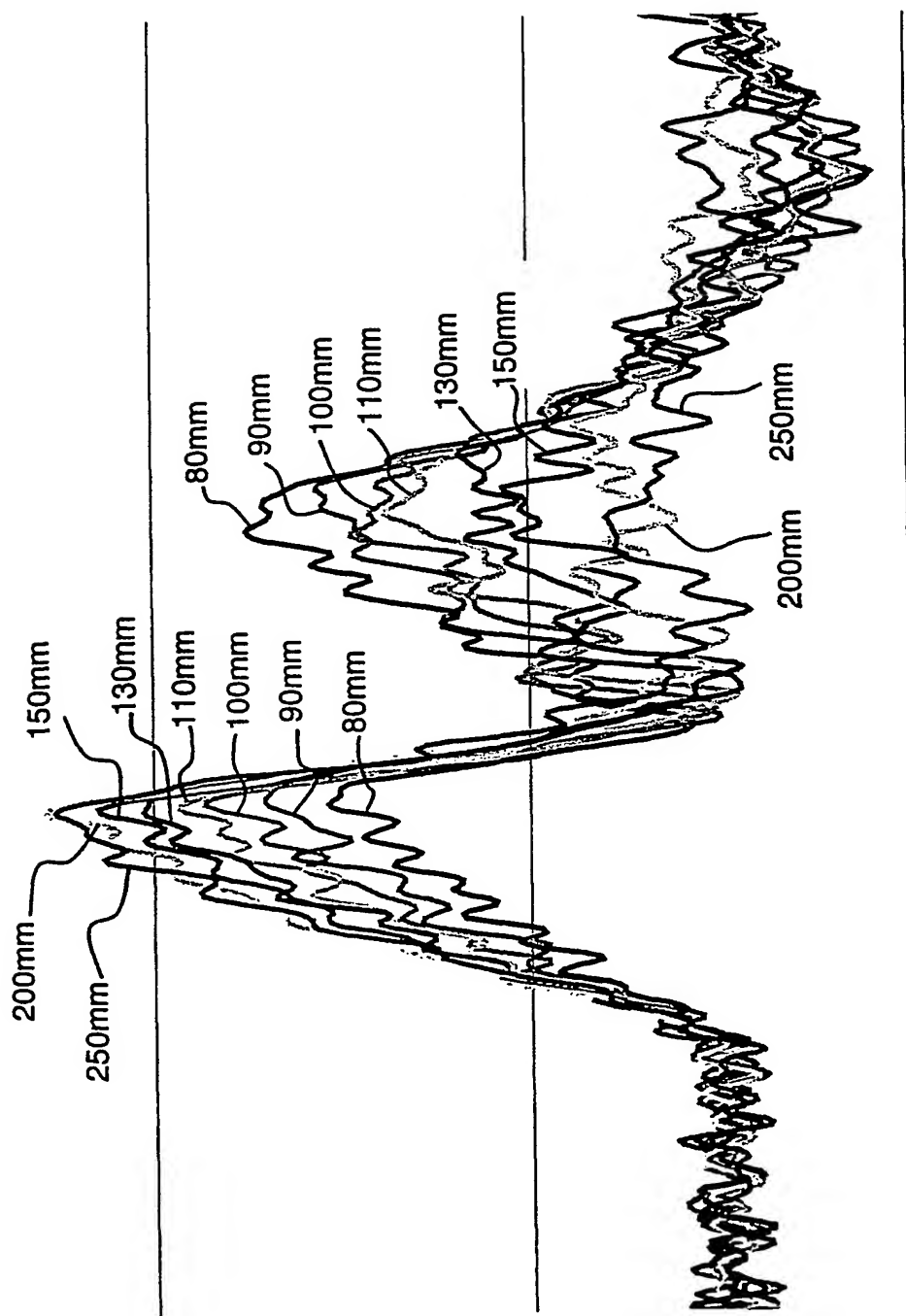


Fig. 5

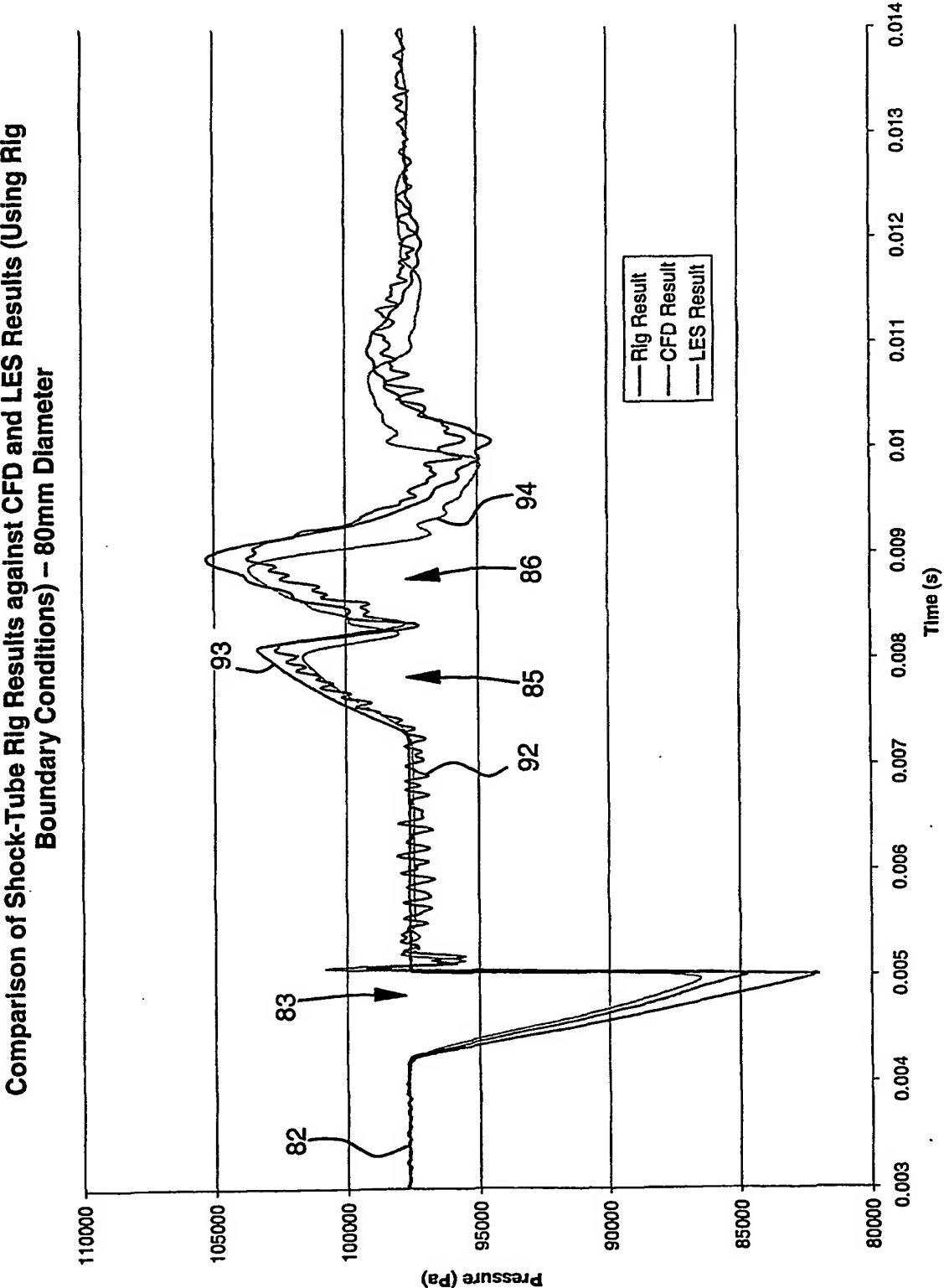


Fig. 6

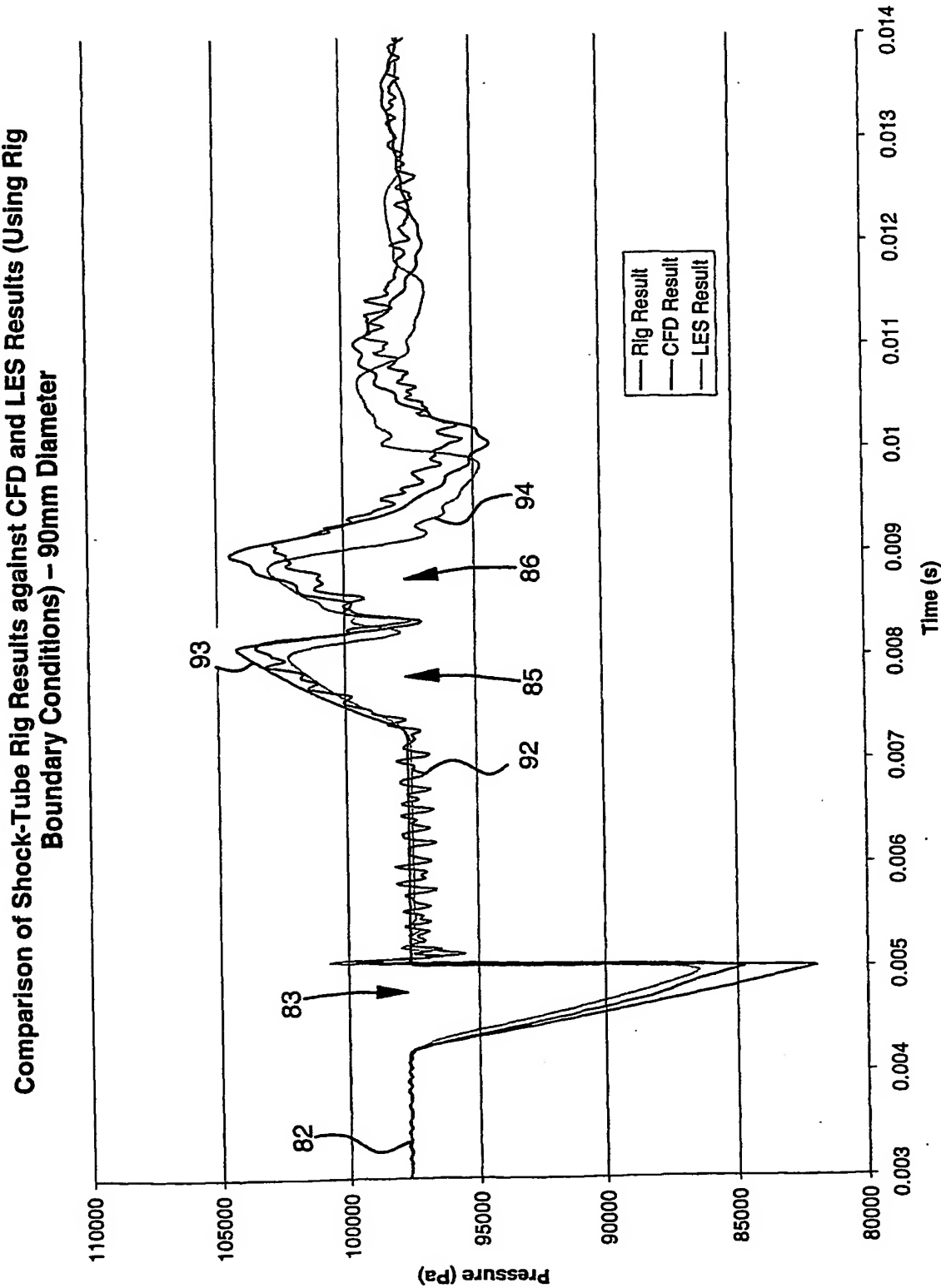


Fig. 7

Comparison of Shock-Tube Rig Results against CFD and LES Results (Using Rig Boundary Conditions) – 100mm Diameter

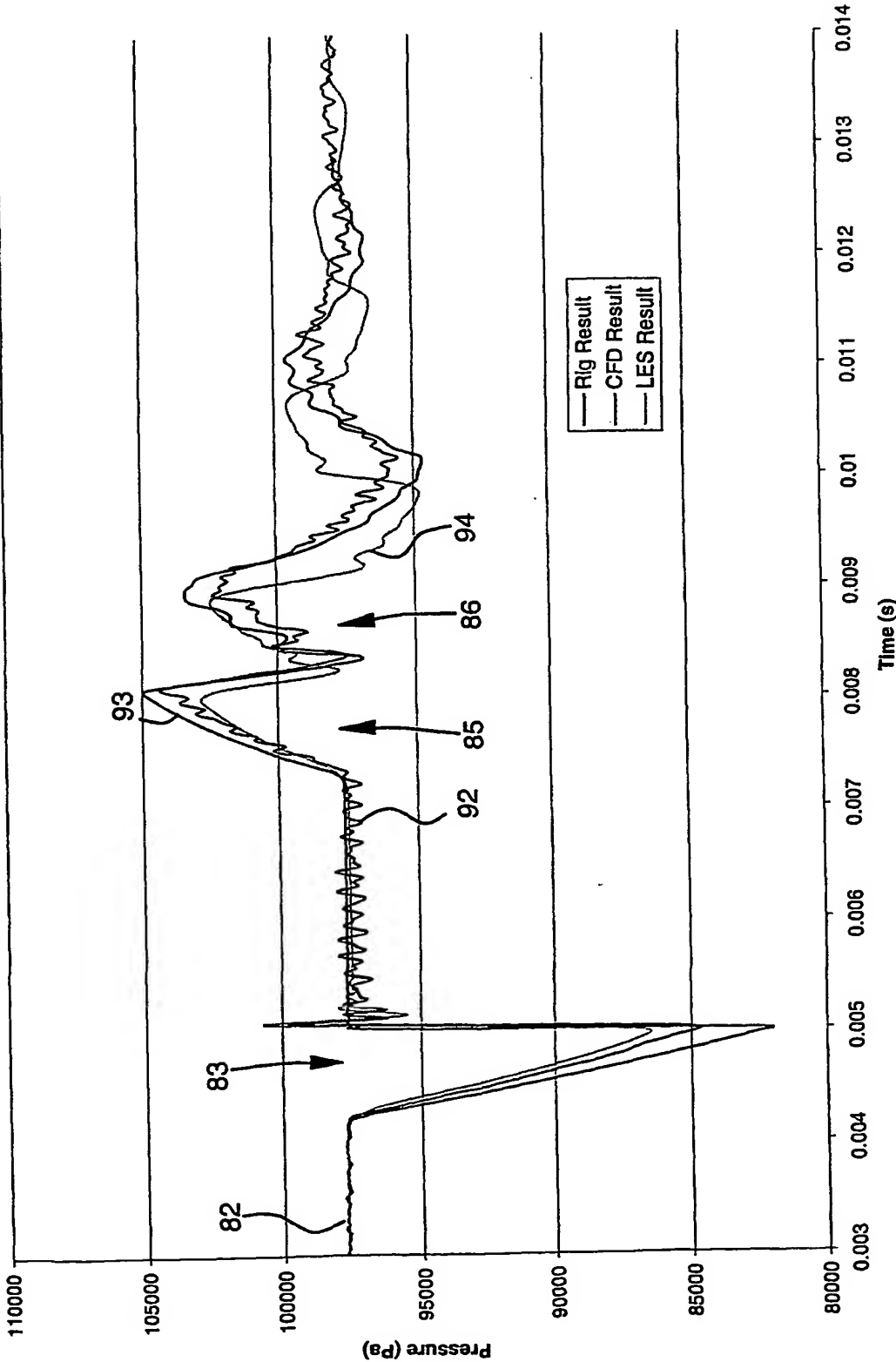


Fig. 8

Comparison of Shock-Tube Rig Results against CFD and LES Results (Using Rig Boundary Conditions) – 110mm Diameter

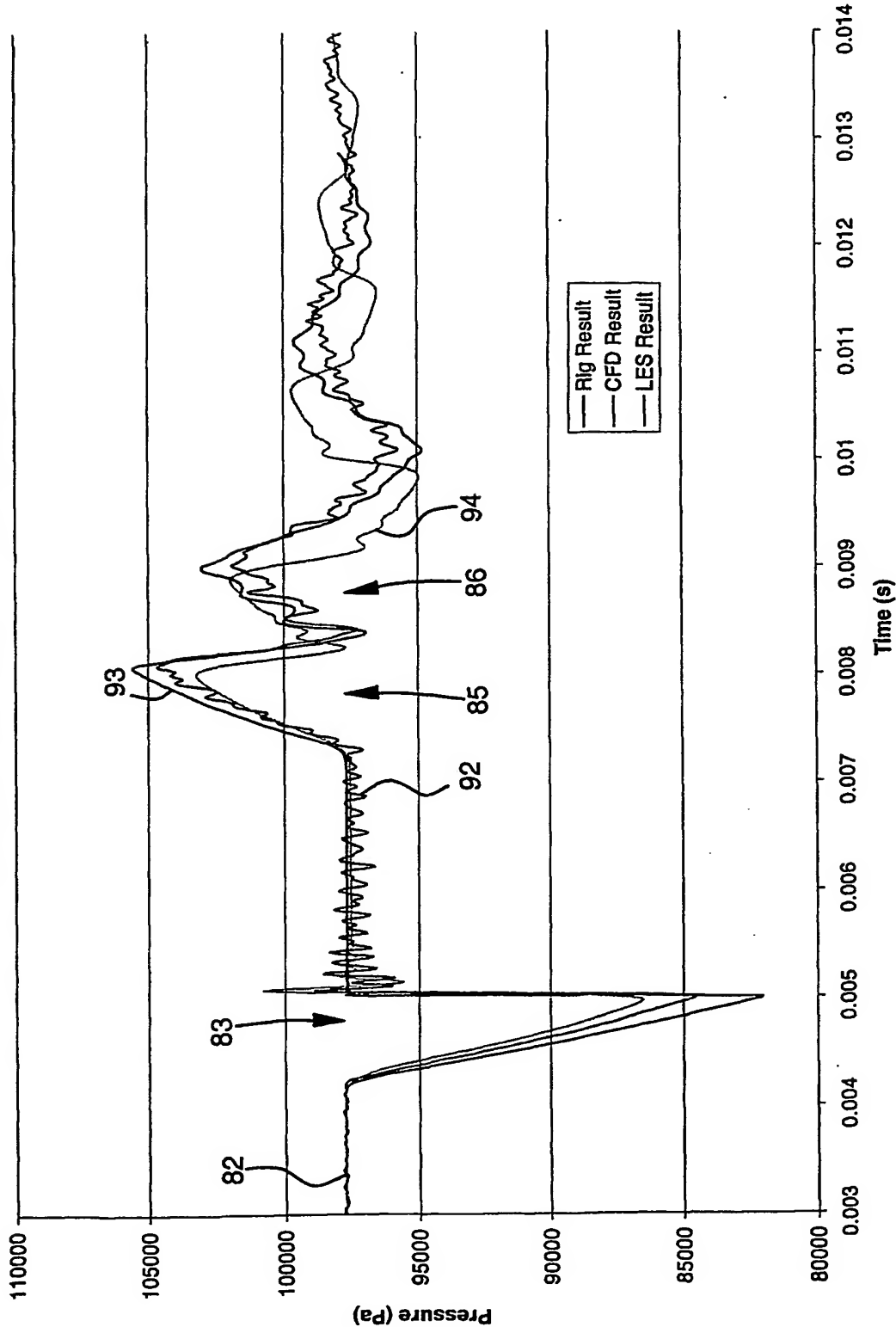
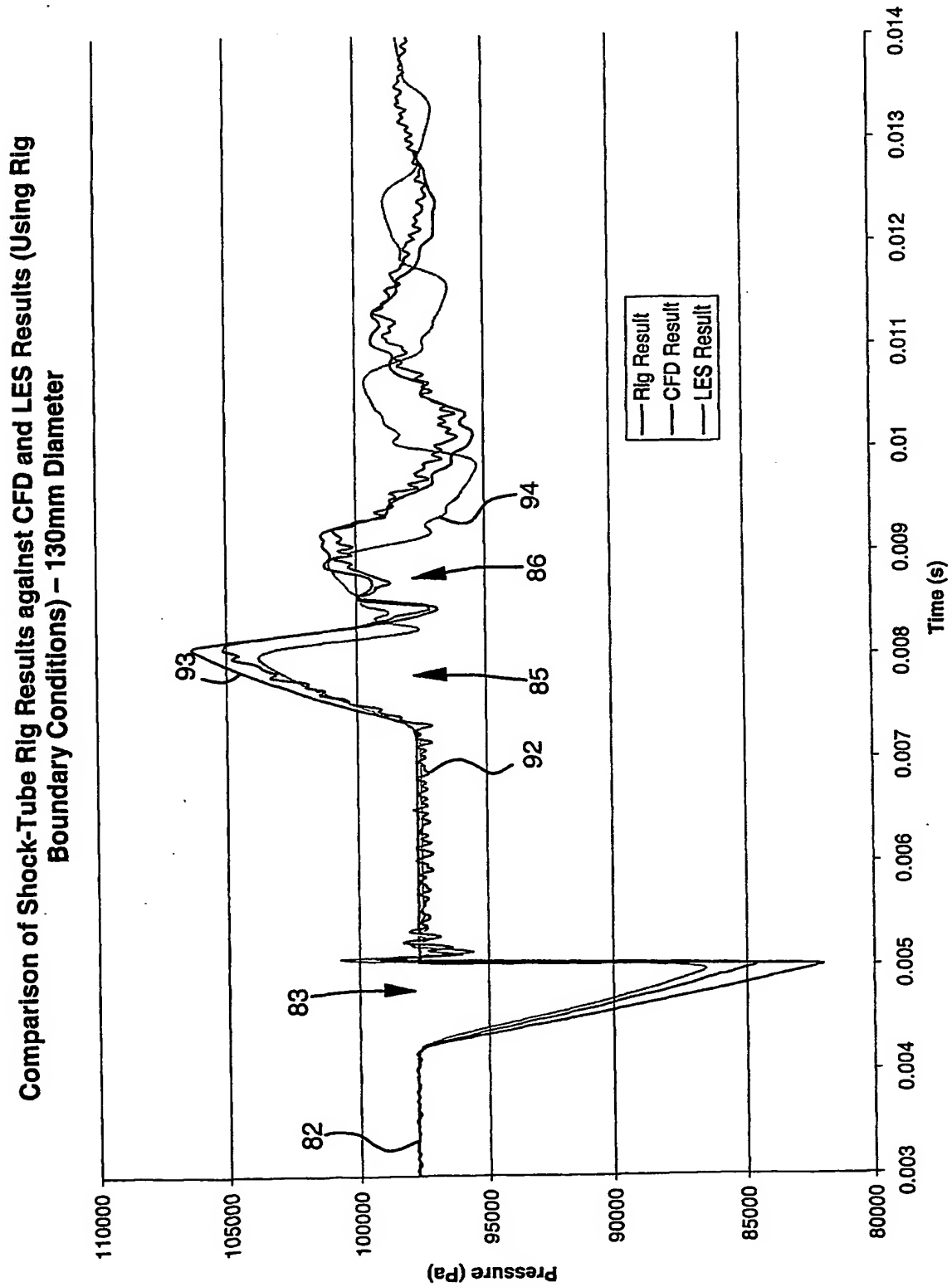
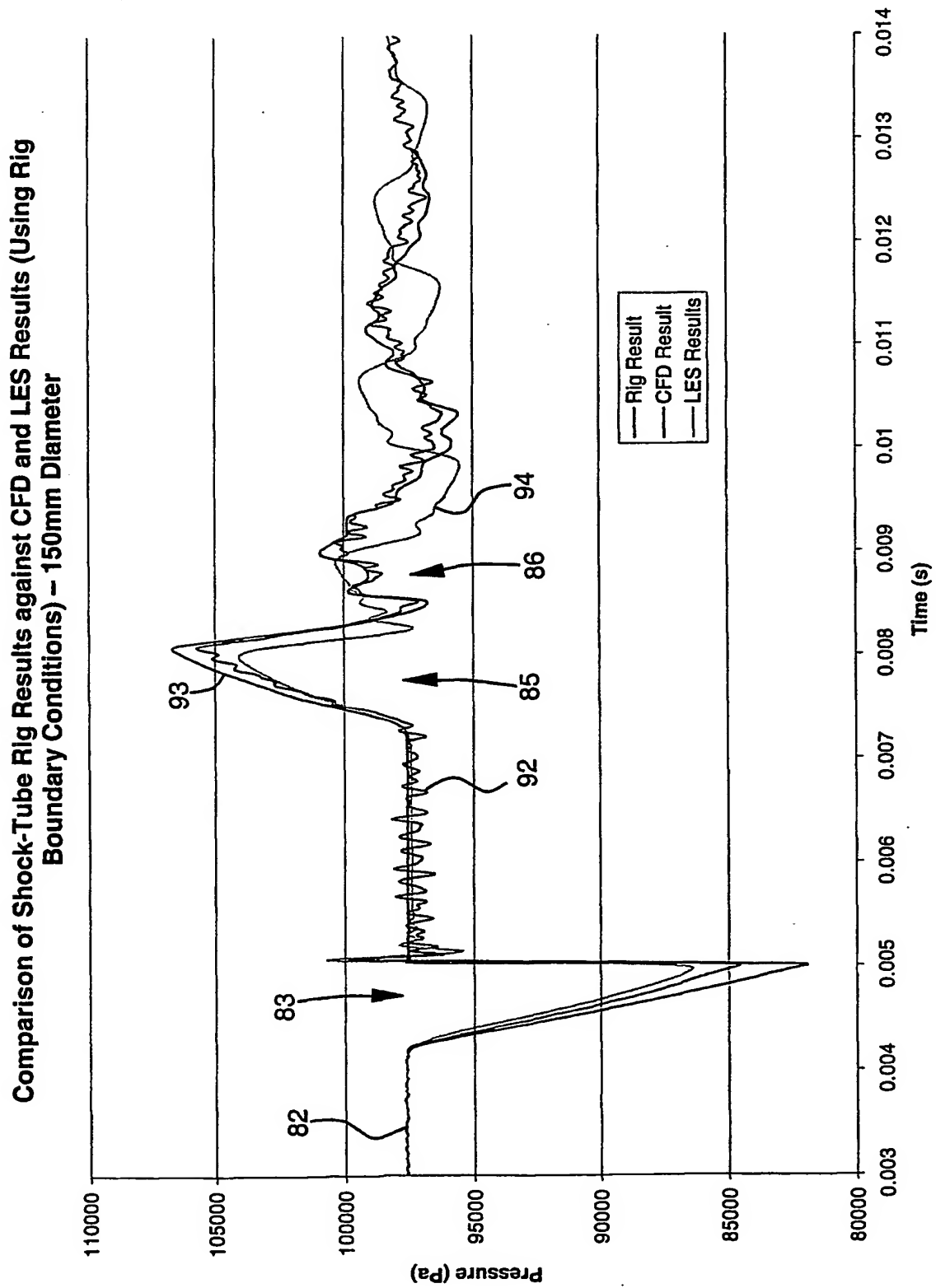


Fig. 9

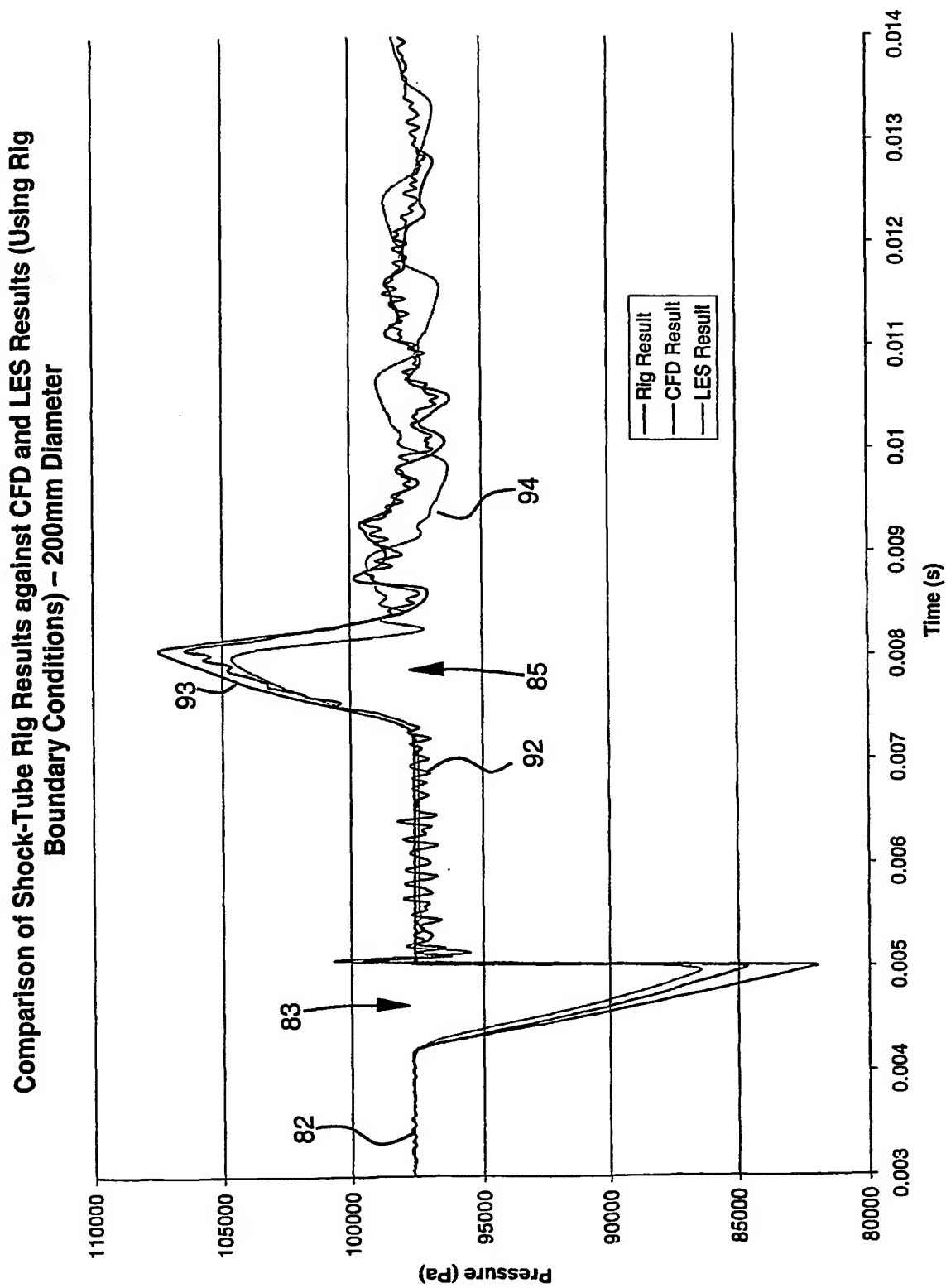
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**Fig. 10**

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**Fig. 11**

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**Fig. 12**

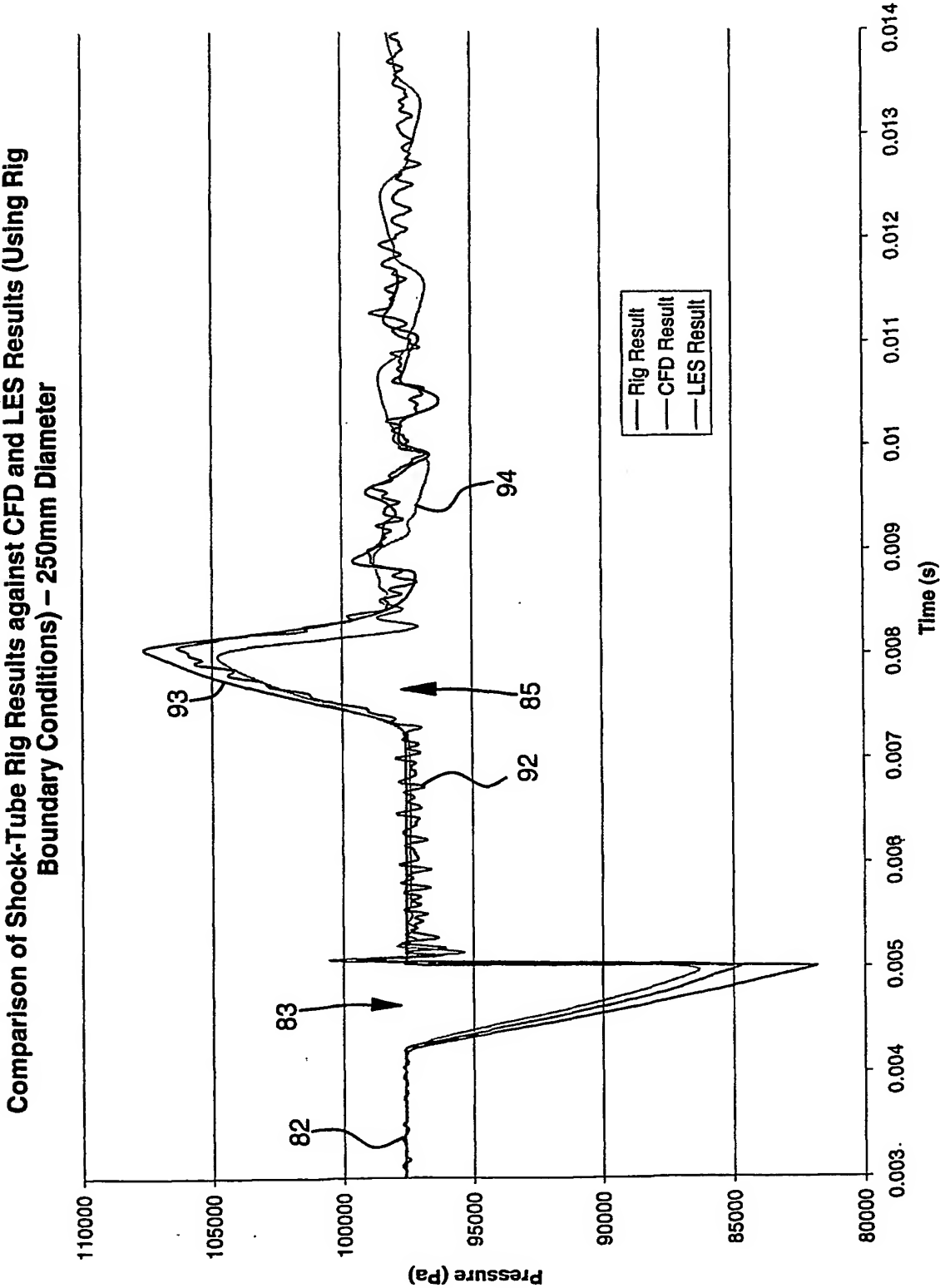


Fig. 13

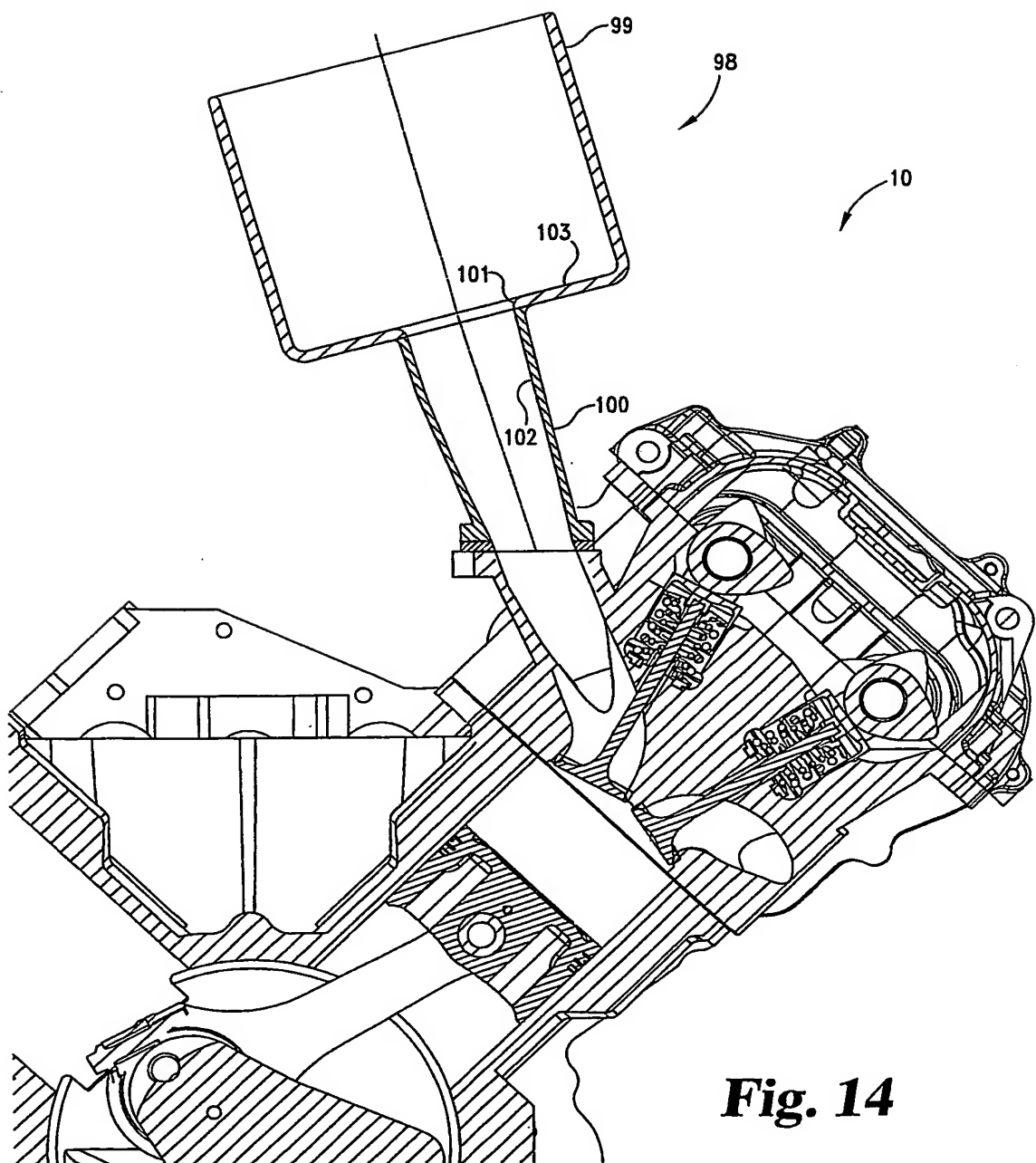


Fig. 14

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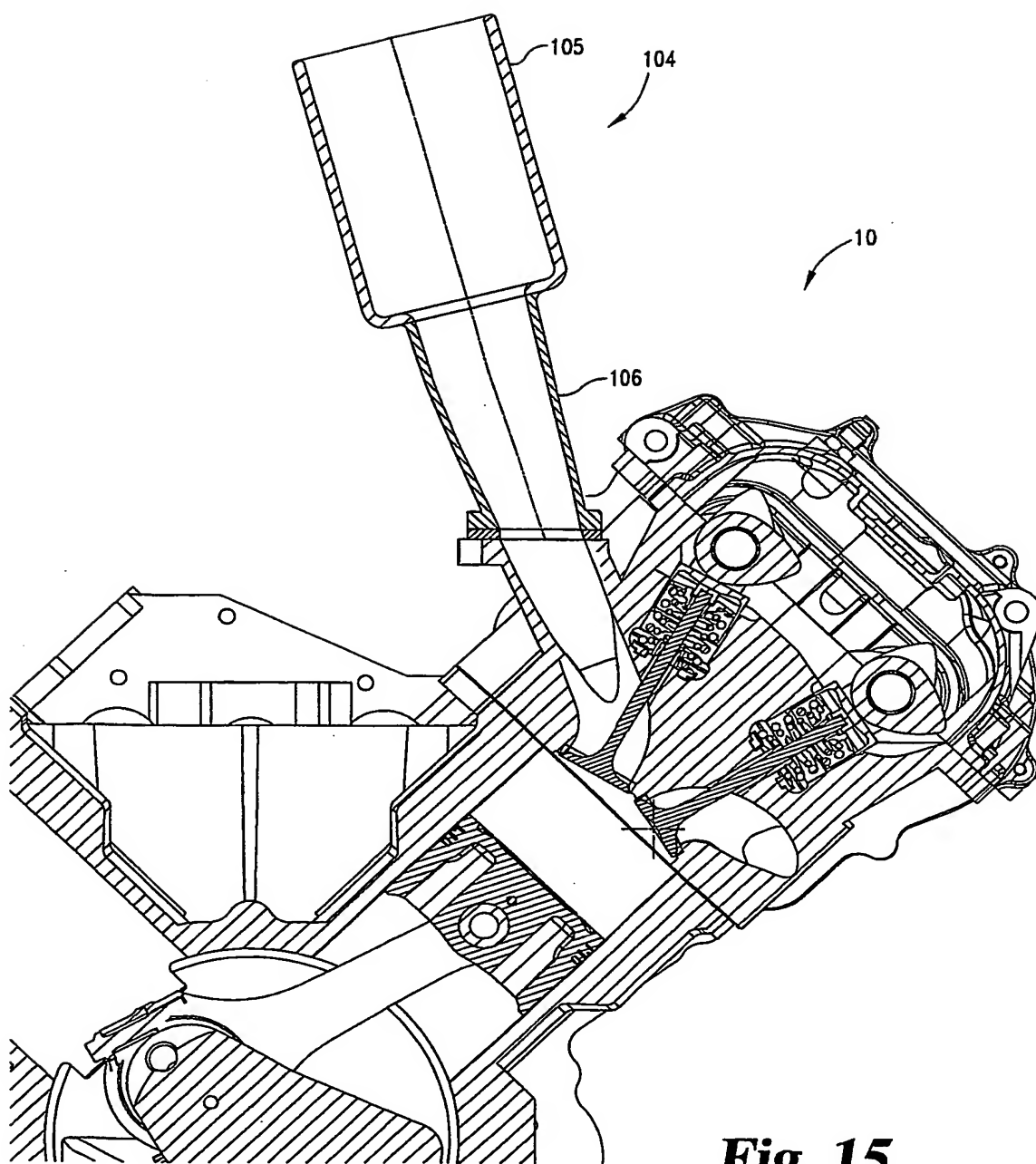


Fig. 15

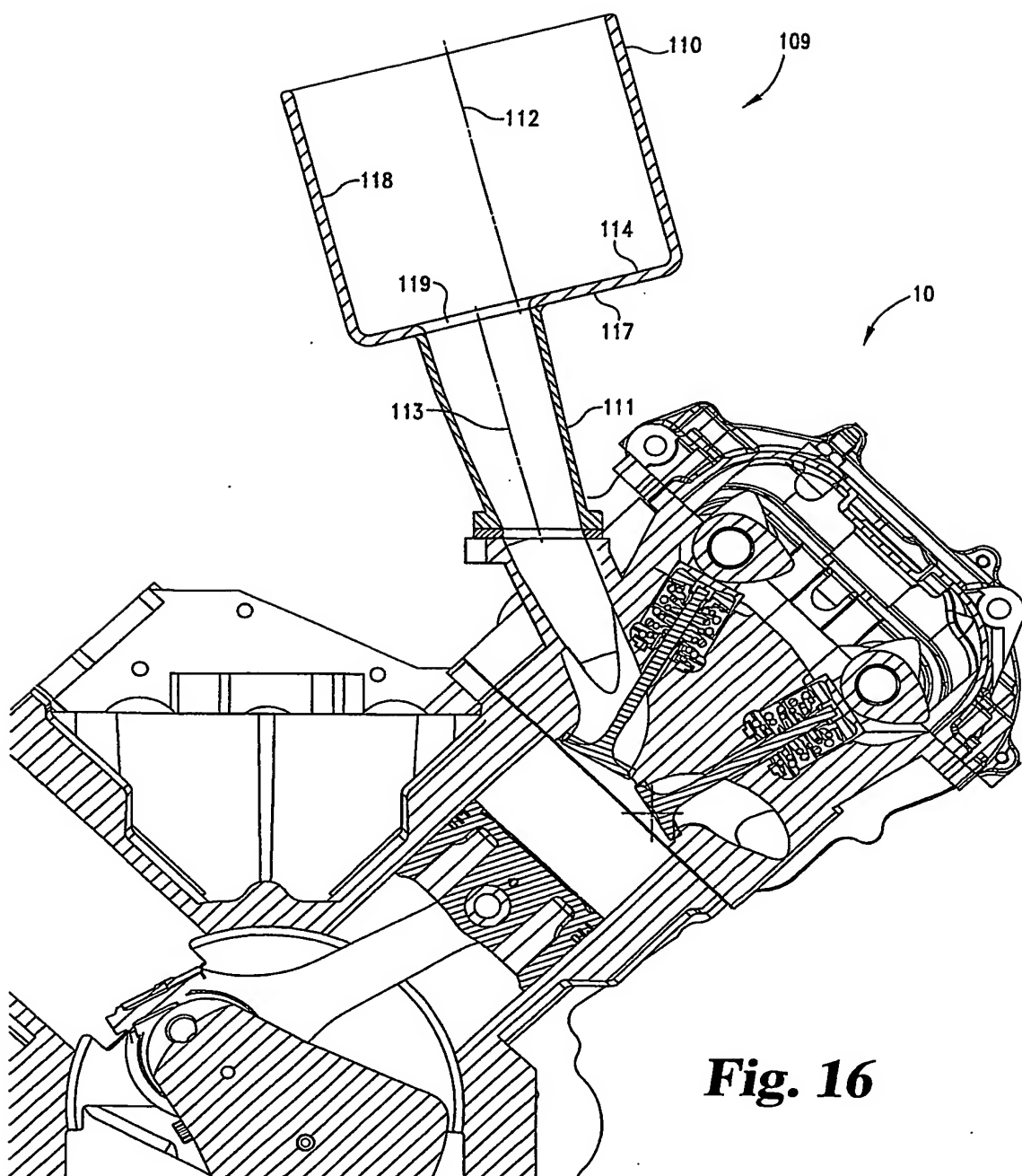
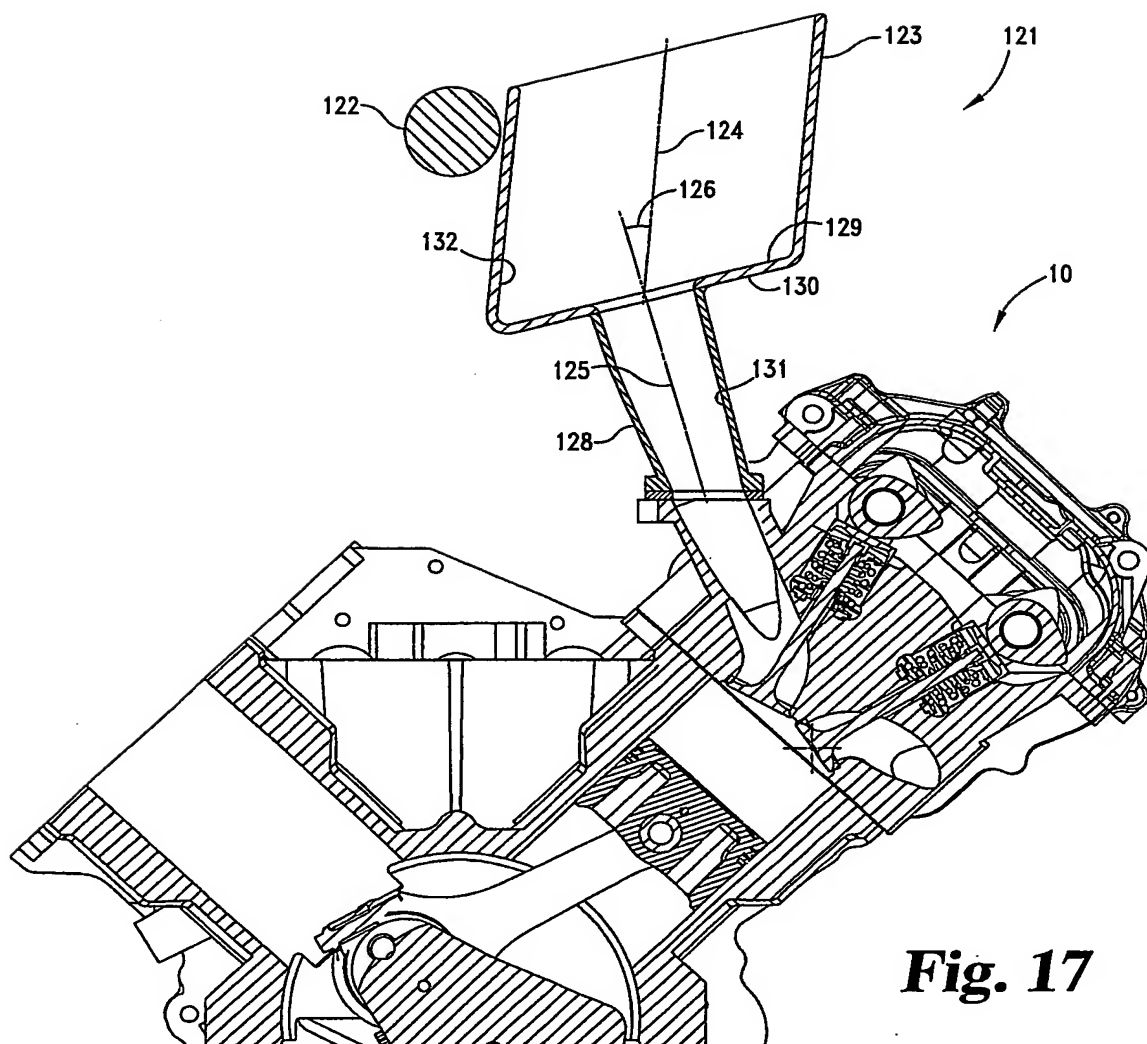
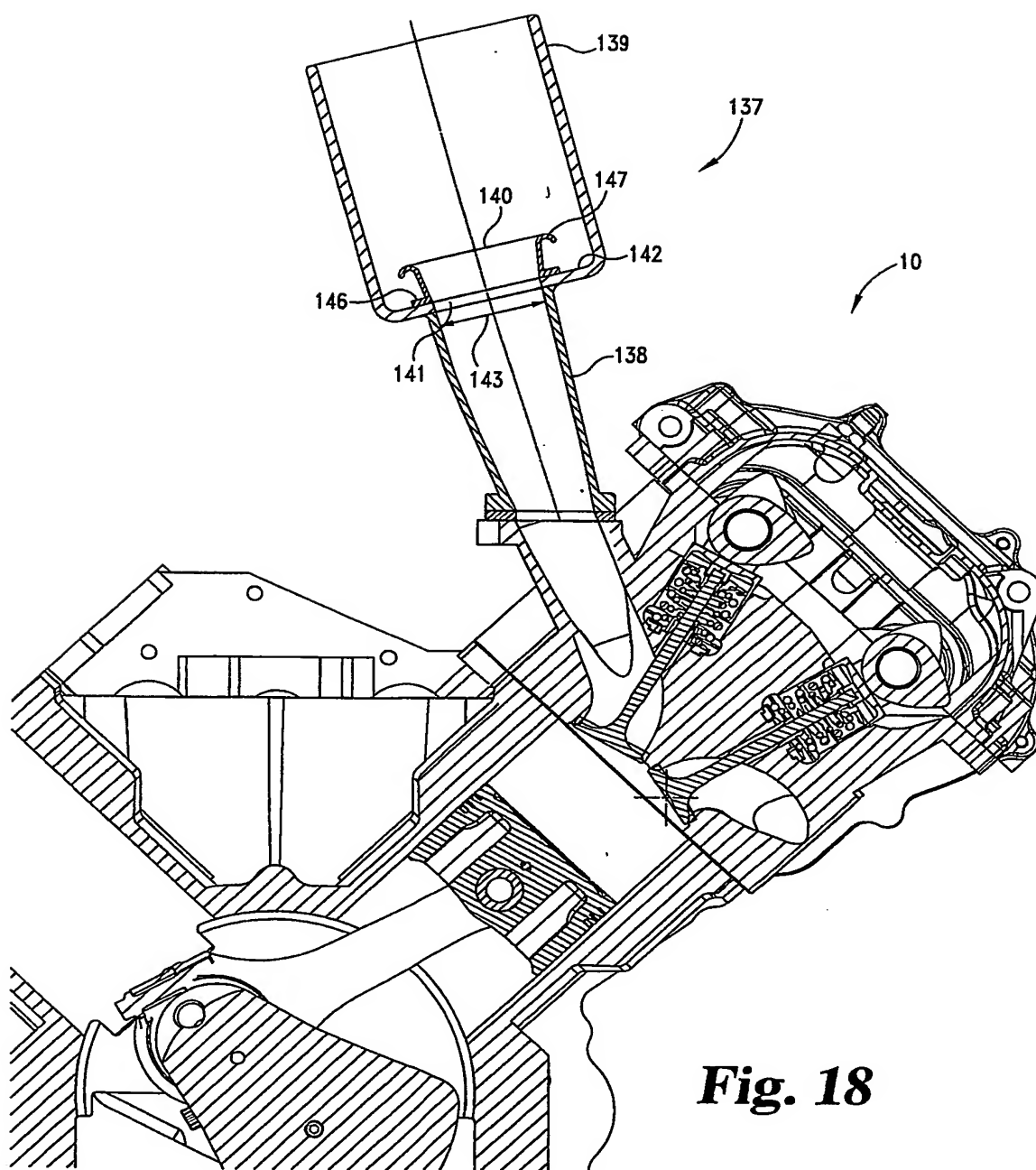
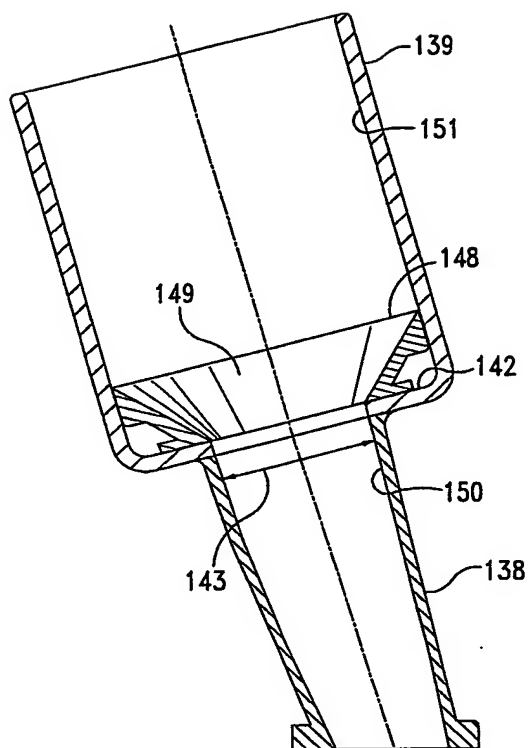
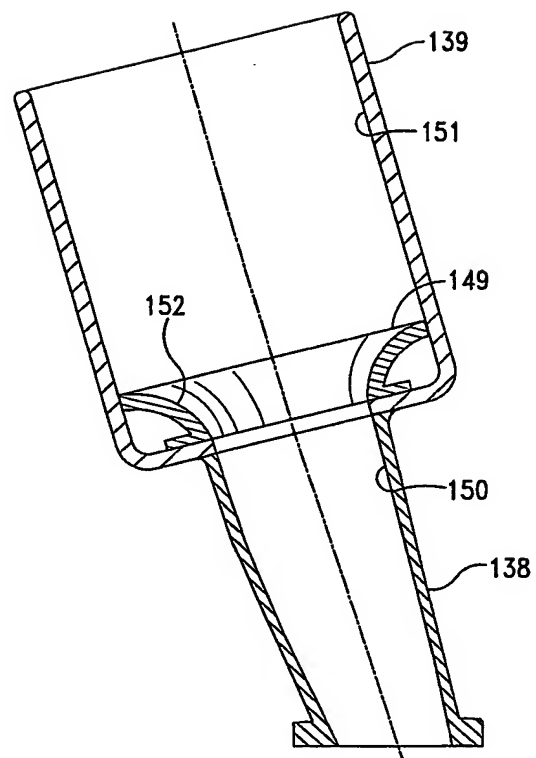


Fig. 16



**Fig. 18**

**Fig. 19****Fig. 20**

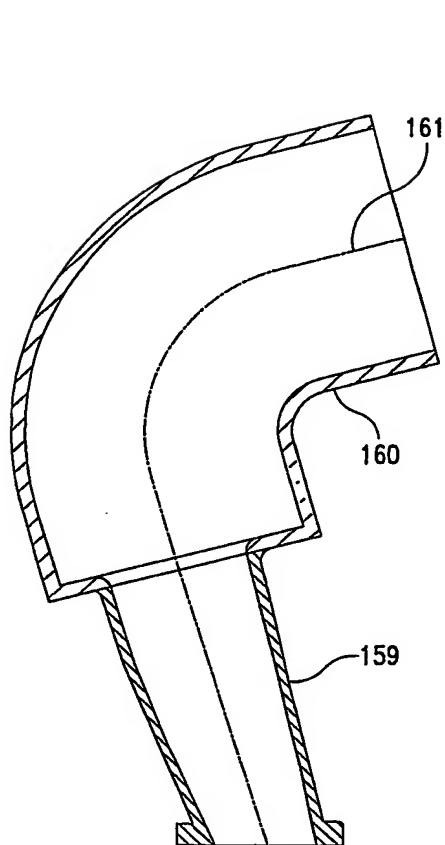


Fig. 21

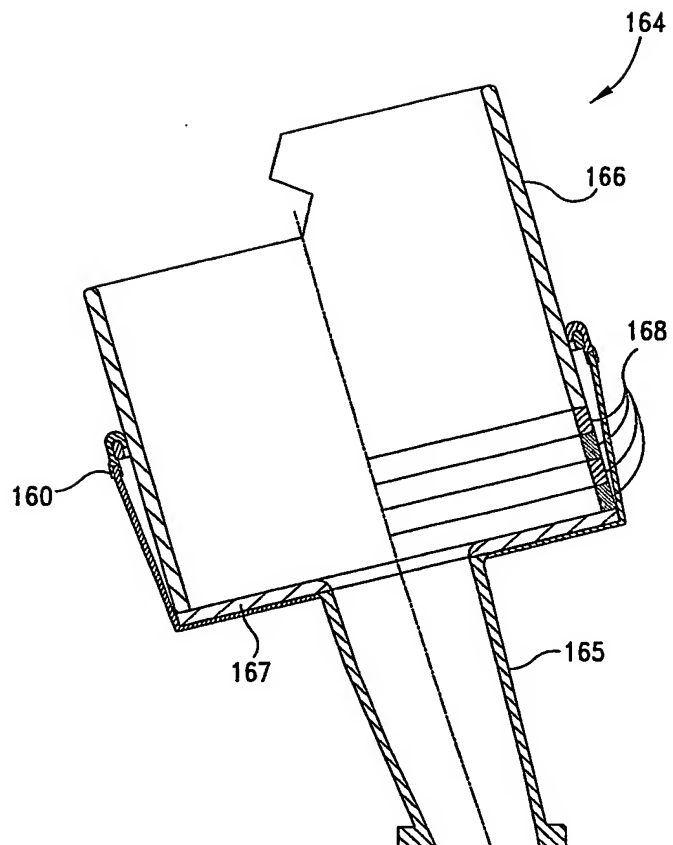


Fig. 22

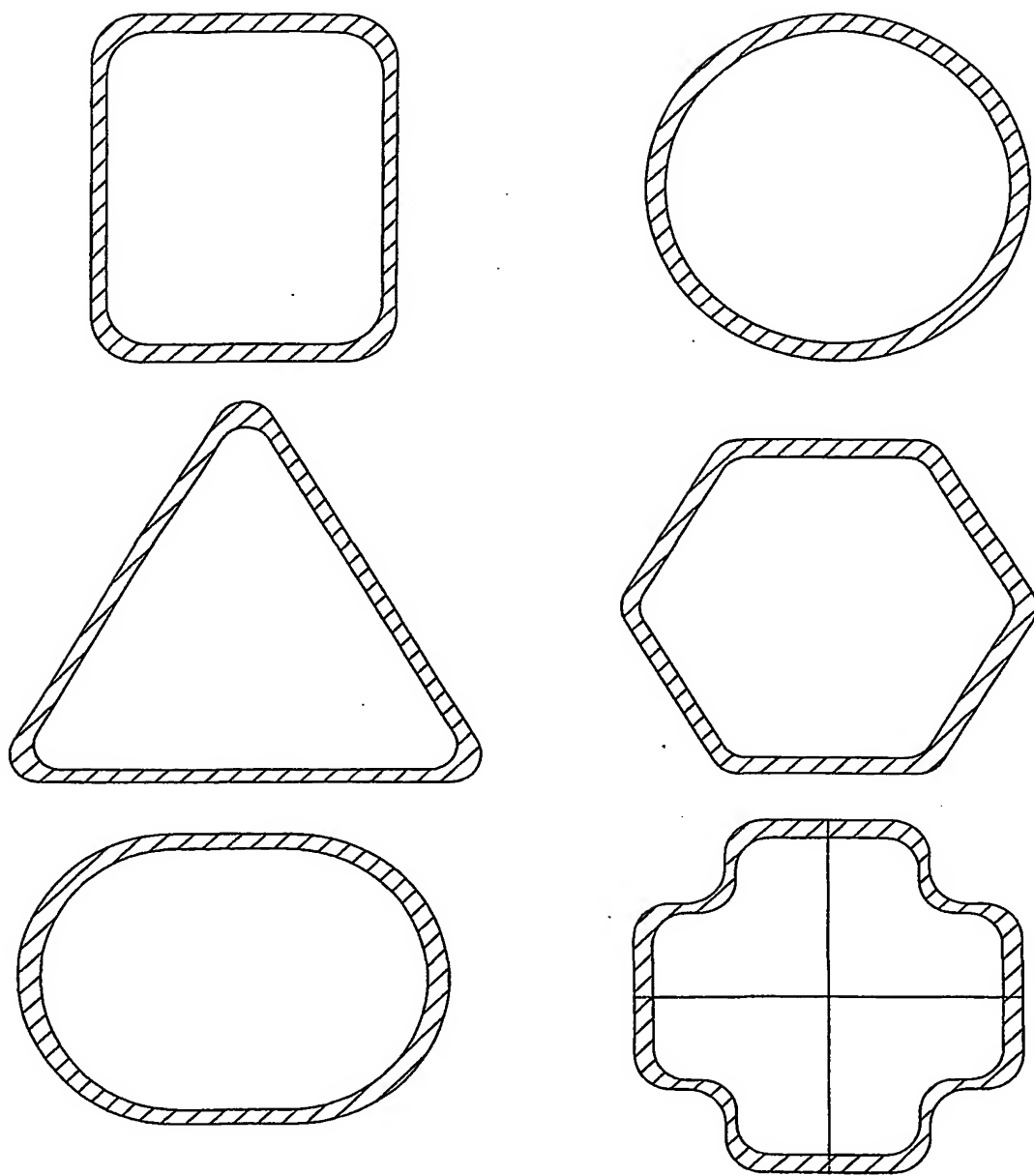
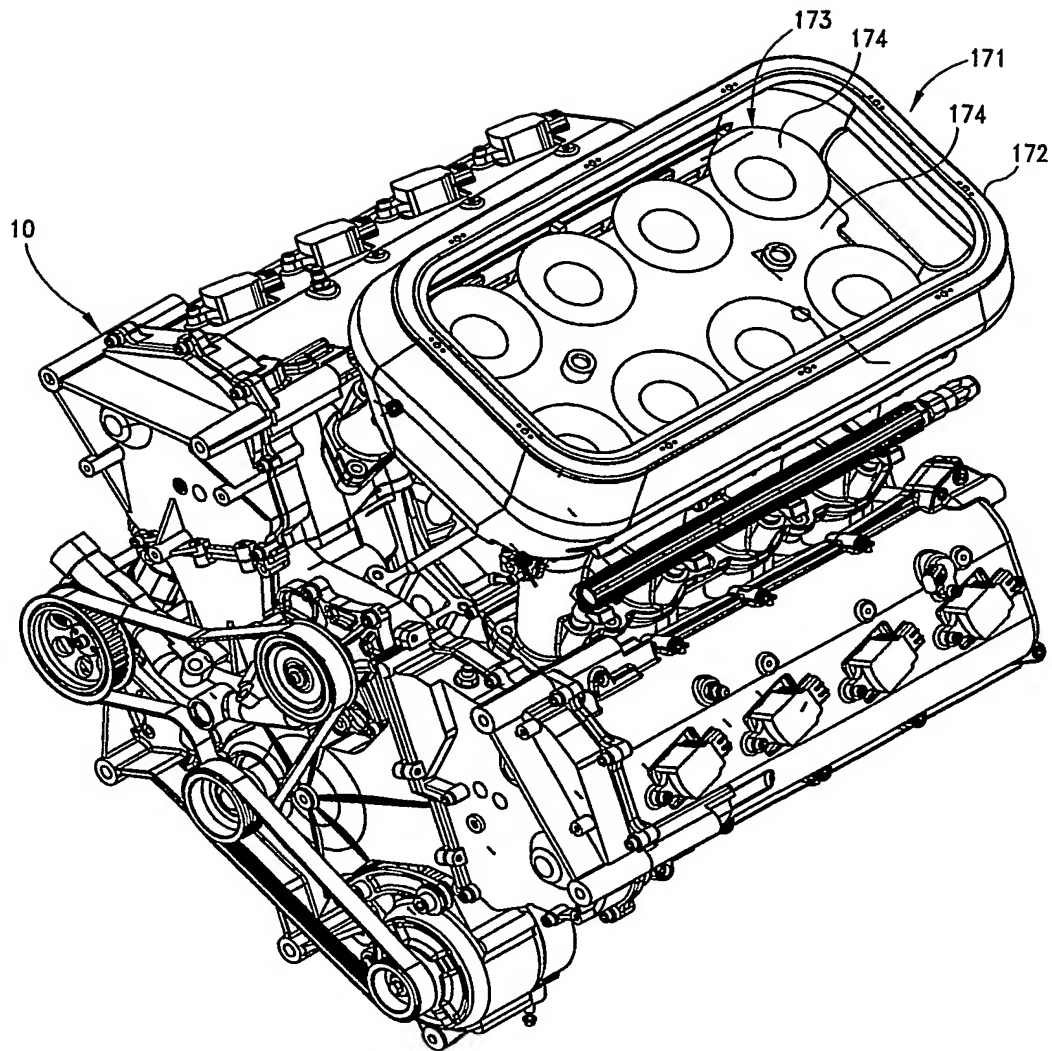
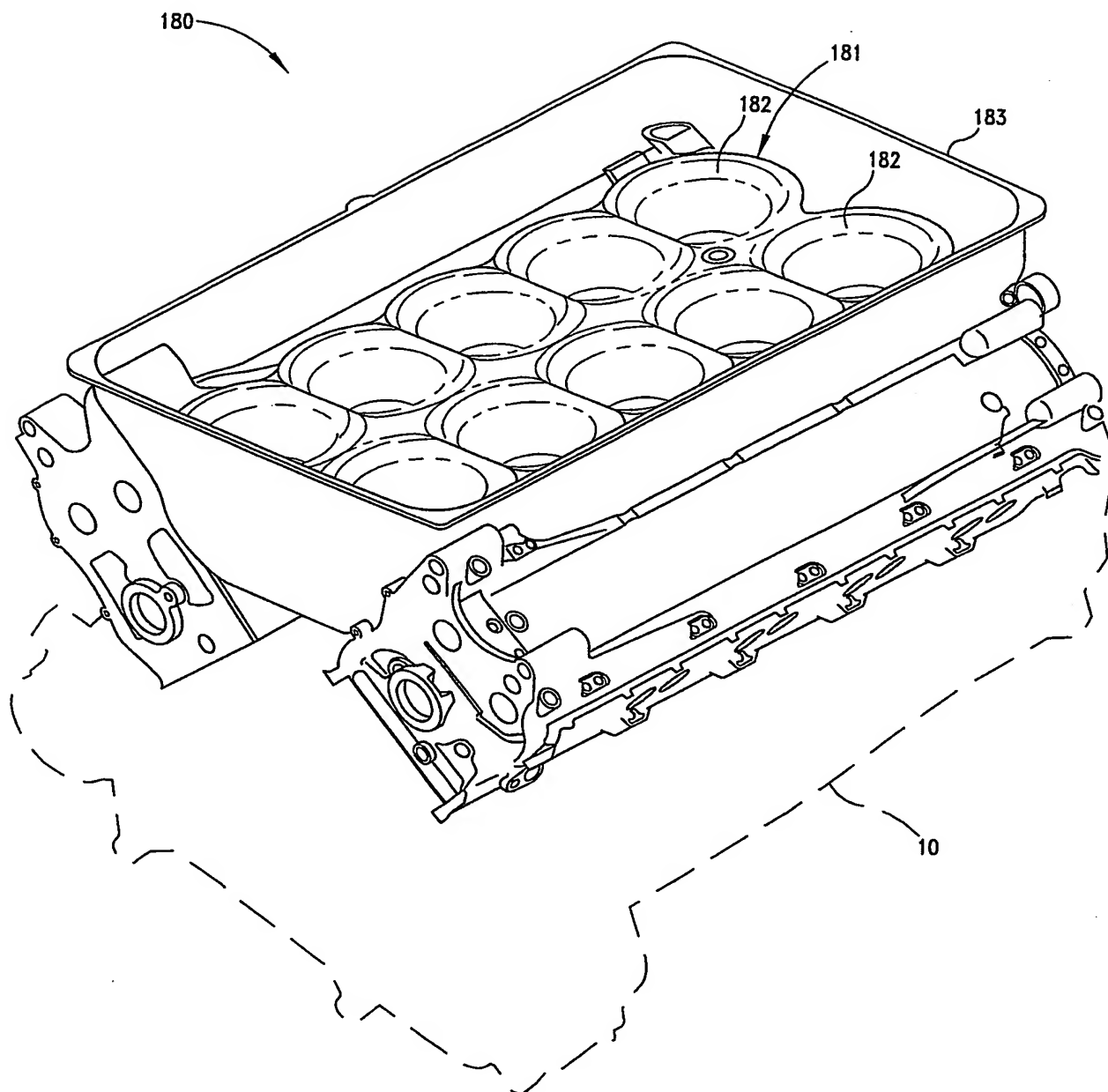
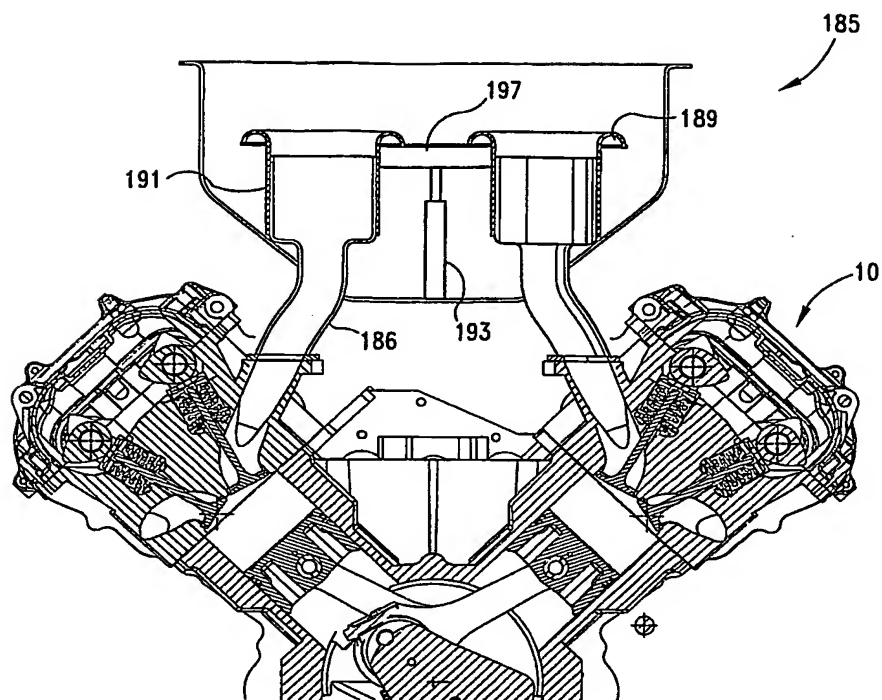
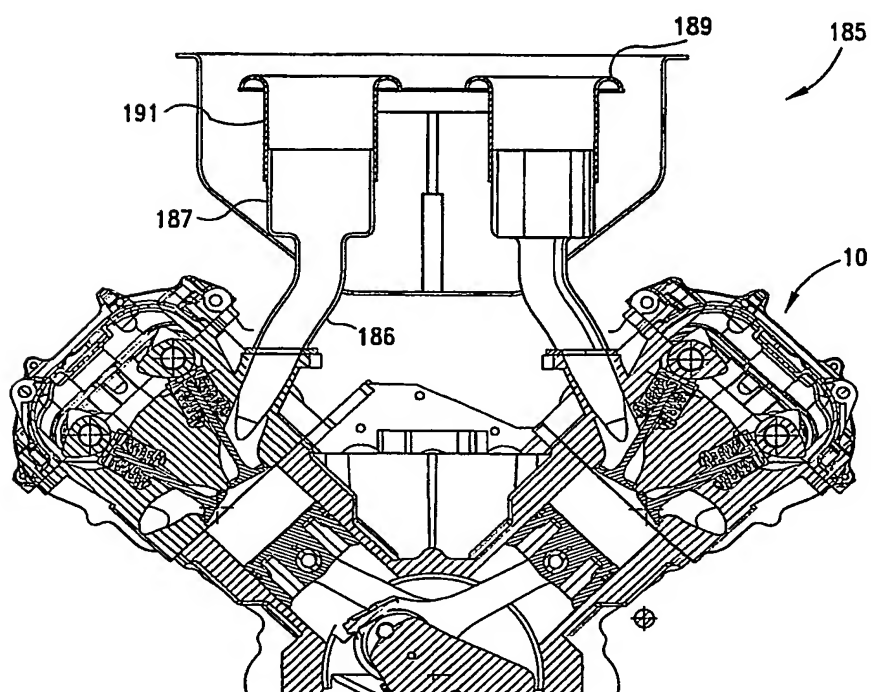


Fig. 23

**Fig. 24**

**Fig. 25**

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**Fig. 26****Fig. 27**

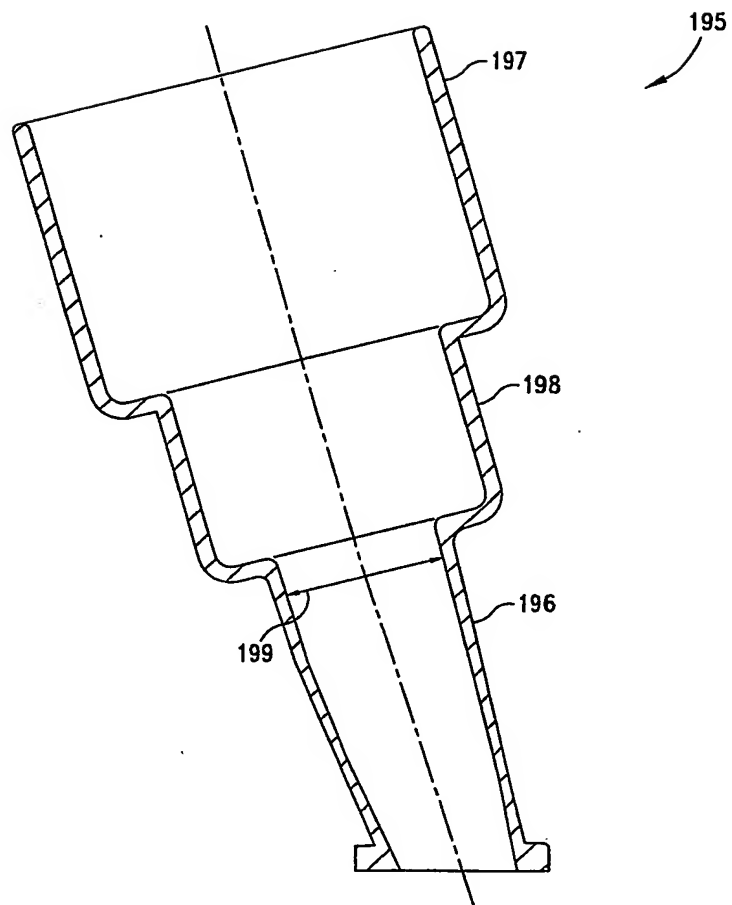


Fig. 28